**Secondary Math 2 ~ 2012/2013**

\*\*\*This schedule is subject to change

**1st Quarter**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **A Day** | **B Day** | **Section/Topic** | **Assignment** |  |
| 8/28 | 8/29 | Integer Exponents | Integer Exponent Review (1.1.1) |  |
| 8/30 | 8/31 | **Pretest (district);** Disclosure |  | **9/3 Labor Day** |
| 9/4 | 9/5 | Simplifying Radicals; Rational Exponents | Simplifying Radicals/Rational Exponents (1.1.1, 1.1.2) |  |
| 9/6 | 9/7 | Review, **Quiz**  +, -, × Radicals | Multiplying, Adding, and Subtracting Radicals (1.2.1) |  |
| 9/10 | 9/11 | Open & Closed Sets; Polynomials (add, subtract, multiply) | Number Systems/Closed Sets, Polynomials (1.2.1, 1.4.1) |  |
| 9/12 | 9/13 | Review Day | **Unit 1 Review** |  |
| 9/14 | 9/17 | **Test, Unit 1** |  |  |
| 9/18 | 9/19 | Analyzing Functions: Domain, Range, Max/min, Intercepts | Analyzing Functions A (2.1.1, 2.1.2, 2.2.1) |  |
| 9/20 | 9/21 | Analyzing Functions: Increasing/Decreasing/Constant | Analyzing Functions B (2.1.1, 2.2.1, 2.2.2, 2.2.3) |  |
| 9/24 | 9/25 | Average Rate of Change | Average Rate of Change (2.1.3, 2.5.1) |  |
| 9/26 | 9/27 | **Quiz**  Factoring by GCF and Grouping | Factoring 1 |  |
| 9/28 | 10/1 | Factoring *x2 + bx + c* | Factoring 2 |  |
| 10/2 | 10/4 | Factoring *ax2 + bx + c* | Factoring 3 | **10/3 Parent Teacher Conf 12-8** |
| 10/5 | 10/8 | Factoring Differences of Squares, Perfect Square Trinomials | Factoring 4 |  |
| 10/9 | 10/10 | Review Day | **Unit 2A Review** |  |
| 10/11 | 10/12 | **Test, Unit 2A** |  |  |
| 10/15 | 10/16 | Quadratics: Finding Zeros; Graphing Factored Form | Quadratics 1 (2.2.2, 3.1.1a, 3.2.1, 3.3.2) |  |
| 10/17 | 10/22 | Quadratics: Vertex Form—Complete the Square and Graphing | Quadratics 2 (2.2.2, 3.1.1a, 3.2.1, 3.3.2) | **10/18 & 10/19 Fall Recess** |
| 10/23 | 10/24 | Quadratics: Standard Form—  *-b/2a*, Graphing, Story Problems | Quadratics 3 (2.2.2, 3.1.1a, 3.2.1, 3.3.2) |  |
| 10/25 | 10/26 | Quadratics: Writing Functions Given Vertex or Intercepts | Quadratics 4 (2.2.2, 3.1.1a, 3.2.1, 3.3.2) |  |
| 10/29 | 10/30 | Parabolas as Conics; Review | Finding Equations of Parabolas (6.3.2), **Unit 2B Review** |  |
| 10/31 | 11/1 | **Test, Unit 2B** |  | **11/1 End of 1st Qtr** |

**Secondary Math 2 ~ 2012/2013**

\*\*\*This schedule is subject to change

**2nd Quarter**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **A Day** | **B Day** | **Section/Topic** | **Assignment** |  |
| 11/5 | 11/6 | Combining Functions Using Arithmetic Operations | Combining Functions (2.3.1) |  |
| 11/7 | 11/8 | Transformations of Functions | Transformations of Functions (2.4.1) |  |
| 11/9 | 11/12 | Even and Odd Functions, Inverse Functions | Even, Odd, and Inverse Functions (2.4.1, 2.4.2) |  |
| 11/13 | 11/14 | Building and Modeling Functions from Data (Regressions) | Building and Modeling Functions (2.3.1) |  |
| 11/15 | 11/16 | Review Day | **Unit 2C Review** |  |
| 11/19 | 11/20 | **Test, Unit 2C** | **Test unit 2C** | **11/21-11/23 Thanksgiving Recess** |
| 11/26 | 11/27 | Factoring Expressions that are Quadratic in Form | Expressions Quadratic in Form (3.1.2) |  |
| 11/28 | 11/29 | Complex Numbers (Write in Terms of *i*, +, -, ×, Powers of *i*) | Complex Numbers (1.3.1, 1.3.2) |  |
| 11/30 | 12/3 | Solving Quadratic Equations: Completing the Square | Completing the square (3.4.1, 3.5.1) |  |
| 12/4 | 12/5 | Solving Quadratic Equations: Quadratic Formula | Quadratic Formula (3.4.1, 3.5.1) |  |
| 12/6 | 12/7 | **Quiz;** Applications of Quadratics | Writing & Solving Equations in One Variable (3.3.1) |  |
| 12/10 | 12/11 | Quadratic and Rational Inequalities | Solving Inequalities in One Variable (3.3.1) |  |
| 12/12 | 12/13 | Solving for an Indicated Variable; Non-linear Systems of Equations | Solving for Variable (3.3.3), Non-Linear Systems (3.6.1) |  |
| 12/14 | 12/17 | Forms and Uses of Exponential Functions | Exponential Functions (2.2.2b, 3.1.1b, 3.2.1c) |  |
| 12/18 | 12/19 | Review Day | **Unit 3 Review** |  |
| 12/20 | 12/21 | **Test, Unit 3** | **Test Unit 3** | **12/24-01/01**  **Winter Recess** |
| 01/02 | 01/03 |  |  |  |
| 01/04 | 01/07 |  |  |  |
| 01/08 | 01/09 |  |  |  |
| 01/10 | 01/11 |  |  |  |
| 01/14 | 01/15 |  |  |  |
| 01/16 | 01/17 |  |  | **01/17 End of 2nd Qtr** |
|  |  |  |  | **01/18 Grading Day** |

**Secondary Math 2 ~ 2012/2013**

\*\*\*This schedule is subject to change

**3rd Quarter**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **A Day** | **B Day** | **Section/Topic** | **Assignment** |  |
| 01/22 | 01/23 |  |  | **01/21 MLK Jr. Day** |
| 01/24 | 01/25 |  |  |  |
| 01/28 | 01/29 |  |  |  |
| 01/30 | 01/31 |  |  |  |
| 02/01 | 02/04 |  |  |  |
| 02/05 | 02/06 |  |  |  |
| 02/07 | 02/08 |  |  |  |
| 02/11 | 02/12 |  |  |  |
| 02/13 | 02/14 |  |  |  |
| 02/15 | 02/19 |  |  | **02/18 Washington/ Lincoln’s B/day** |
| 02/20 | 02/21 |  |  |  |
| 02/22 | 02/25 |  |  |  |
| 02/26 | 02/28 |  |  | **02/27 Parent Teacher Conf 12-8** |
| 03/01 | 03/04 |  |  |  |
| 03/05 | 03/06 |  |  |  |
| 03/07 | 03/08 |  |  |  |
| 03/11 | 03/12 |  |  |  |
| 03/13 | 03/14 |  |  |  |
| 03/15 | 03/18 |  |  |  |
| 03/19 | 03/20 |  |  |  |
| 03/21 | 03/22 |  |  |  |
| 03/25 | 03/26 |  |  |  |
| 03/27 |  |  | **03/28-04/01 Spring Break**  **04/02 Grading Day** | **03/27 End of 3rd Qtr** |

**Secondary Math 2 ~ 2012/2013**

\*\*\*This schedule is subject to change

**4th Quarter**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **A Day** | **B Day** | **Section/Topic** | **Assignment** |  |
|  | 04/03 |  |  |  |
| 04/04 | 04/05 |  |  |  |
| 04/08 | 04/09 |  |  |  |
| 04/10 | 04/11 |  |  |  |
| 04/12 | 04/15 |  |  |  |
| 04/16 | 04/17 |  |  |  |
| 04/18 | 04/19 |  |  |  |
| 04/22 | 04/23 |  |  |  |
| 04/24 | 04/25 |  |  |  |
| 04/26 | 04/29 |  |  |  |
| 04/30 | 05/01 |  |  |  |
| 05/02 | 05/03 |  |  |  |
| 05/06 | 05/07 |  |  |  |
| 05/08 | 05/09 |  |  |  |
| 05/10 | 05/13 |  |  |  |
| 05/14 | 05/15 |  |  |  |
| 05/16 | 05/17 |  |  |  |
| 05/20 | 05/21 |  |  |  |
| 05/22 | 05/23 |  |  |  |
| 05/24 | 05/28 |  |  | **05/27 Memorial Day** |
| 05/29 | 05/30 |  |  |  |
| 05/31 | 06/03 |  |  |  |
| 06/04 | 06/05 |  | **06/04 Graduation** | **06/05 End of 4th Qtr** |